

Abstract

The major TV systems in the world use interlaced scanning and either 50Hz field frequency or 60Hz field frequency.

- 5 However, movies are produced in 24Hz frame frequency and progressive scanning, which format will be used for future digital video discs to be sold in 50Hz countries. In 50Hz display devices the disc content is presented with the original audio pitch but with repeated video frames or
- 10 fields in order to achieve on average the original video source speed. However, the frame or field insertion is not carried out in a regular pattern but adaptively in order to reduce visible motion judder.

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Fig.7